IN THE CLAIMS:

Please amend claim 4 as follows.

Claims 1-3. (Cancelled).

4. (Currently Amended) A motorized roller comprising:

a roller body of the motorized roller;

a motor disposed inside the roller body;

a reducer which is disposed inside the roller body, and reduces the rotation of the motor; and

a rotor which is disposed inside the roller body, and connected with the reducer and the roller body to transmit power of the reducer to the roller body~~;~~, wherein

the roller body comprises a first roller body and a second roller body, and

an axial end section of a second roller body side of the first roller body and an axial end section of a first roller body side of the second roller body ~~is~~ are connected at a power transmission section between the rotor and the roller body.

5. (Previously Presented) The motorized roller according to claim 4, wherein

inner peripheral surfaces of the first roller body and the second roller body are connected to an outer peripheral surface of the rotor.

6. (Previously Presented) The motorized roller according to claim 5, wherein

a ring shaped protrusion is formed on the outer peripheral surface of the rotor,

both axial side surfaces of the protrusion are designed so as to contact respective inner end faces of the first roller body and the second roller body, and

an outer peripheral surface of the protrusion is formed so as to be flush with outer peripheral surfaces of the first roller body and the second roller body.

7. (Withdrawn) A method of manufacturing a motorized roller, comprising following steps of:

preparing a first roller body and a second roller body as materials for the main parts of a roller body of the motorized roller;

processing respective inner peripheral surfaces of axial end sections of the first roller body and the second roller body;

disposing a motor, a reducer which reduces a rotation of the motor and a rotor to transmit a rotation of the reducer to the roller body, inside the first roller body or the second roller body;

connecting the first roller body and the second roller body to the rotor, with the processed inner peripheral surfaces of the first roller body and the second roller body connected to the outer peripheral surface of the rotor.

8. (Withdrawn) The method of manufacturing a motorized roller according to claim 7, wherein

the rotor comprises a ring shaped protrusion on the outer peripheral surface thereof, and

end sections of the first roller body and the second roller body are contacted and connected to the respective axial side surfaces of the protrusion.